

# Annual Plan & Budget Proposal for Fiscal Year 2024

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## Highlighted Scientific Opportunities:



**ASYMPTOMATIC MULTI-CANCER DETECTION**



**CELL THERAPY TO TREAT CANCER**



**PERSISTENT POVERTY AND CANCER**



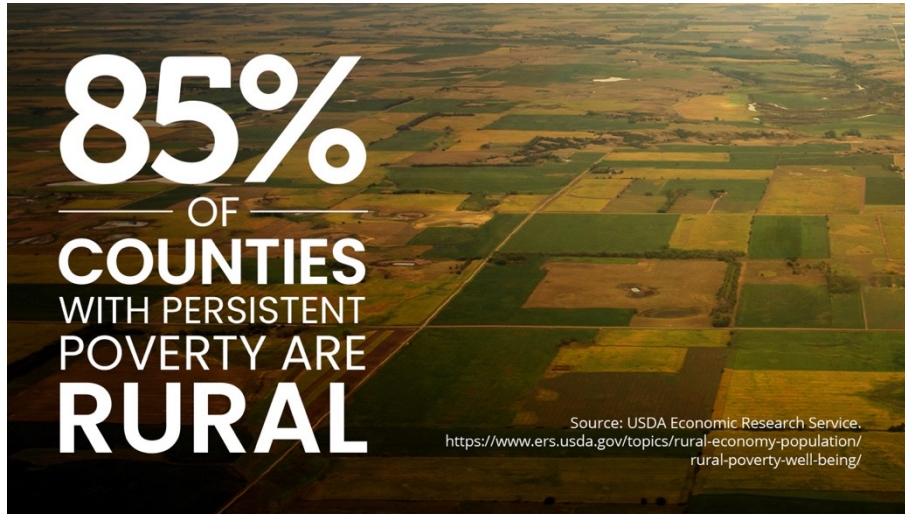
**UNDRUGGABLE CANCER TARGETS**



**[cancer.gov/research/annual-plan](https://cancer.gov/research/annual-plan)**

# Persistent Poverty and Cancer:

## *Increasing Health Equity across the Cancer Continuum*



- Cancer death rates are **12% higher in counties with persistent poverty** than in other U.S. counties.
- Ending cancer as we know it for all requires connecting research findings with **interventions that reach and are accepted by communities — no matter the zip code.**

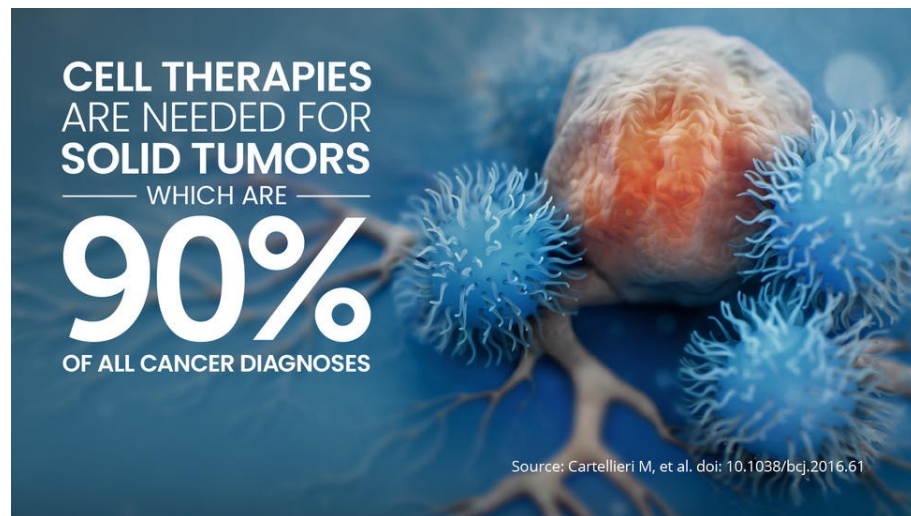
# Asymptomatic Multi-Cancer Detection: *Advancing Cancer Screening to Save Lives*



- **Potential to transform** how we think about and implement **cancer screening**
- **Many questions remain** about the benefits and harms

# Cell Therapy to Treat Cancer:

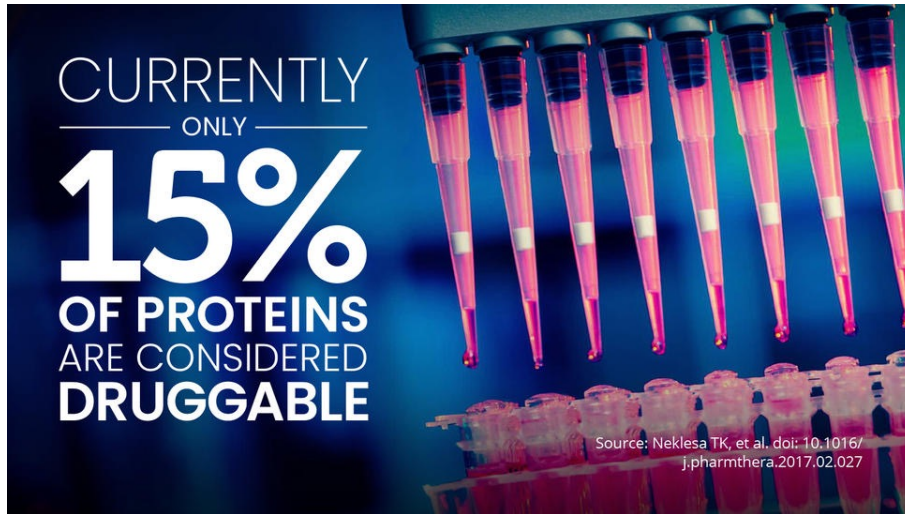
*Harnessing Cells of the Immune System to Fight Cancer*



- Very expensive and difficult to produce in scalable quantities
- **Challenge of treating solid tumors** with immunotherapy
- Breaking through barriers to expand cell therapy requires: **fundamental lab research** and **sustained investments in infrastructure**



# Undruggable Cancer Targets: *Tackling Difficult Drug Design*



- In 2021, FDA approved the **first drug targeting a mutant form of KRAS**
- **Sustained investment is needed** to seize on the progress that has been made so far—from foundational discoveries to new tools and technologies

# NCI Supports a Broad Portfolio of Research

## CANCER RESEARCH CONTINUUM

